




# Aaditya Srinivasan

 aadityasri03@gmail.com

 +91 9717032039

 Ghaziabad, U.P.

 [Linkedin](#)

 [Github](#)

---

## OBJECTIVE

Third-year Computer Science student (9.40 CGPA) with a strong foundation in object-oriented programming and experience building full-stack applications. Eager to apply my skills in Python, C++, and system design to contribute to the complete software development lifecycle in a Software Engineering internship.

---

## EDUCATION

**SRM Institute of Science and Technology**

**2023 - Present**

B.Tech Computer Science Specialization in Cybersecurity

CGPA : 9.40

---

## EXPERIENCE

**AI & Machine Learning Intern | Infosys Springboard**

**Aug 2025 - Present**

- Developed SafetyEye, an AI-powered workplace monitoring system, achieving 87% mAP@0.5 in real-time PPE detection using a fine-tuned YOLOv8 model.
- Engineered a low-latency pipeline to process video streams and issue violation alerts in under 2 seconds, viewable on a live analytics dashboard.

**Developer Lead | AEGIS Club, SRMIST**

**Aug 2025 - Present**

- Led and mentored the club's student development team on various AI and cybersecurity projects.
- Directed the Hyperthon hackathon, from defining technical challenges to serving as a judge for project innovation and impact.

---

## PROJECTS

**Peer-to-Peer Payment App** [\[Github\]](#)

- Built a secure payment platform enabling peer-to-peer money transfers with JWT-based authentication and role-based access control.
- The system supported transaction classification (income, expense, transfers) and integrated fraud-prevention features with real-time validation APIs.
- Technologies: Python, FastAPI, PostgreSQL, SQLAlchemy, JWT, React

**Multilingual Cyber Threat Intelligence (CTI) Platform** [\[Github\]](#)

- In a team, built a CTI platform that achieved 95% accuracy in classifying malicious IOCs from Telegram using a fine-tuned XLM-RoBERTa model.
- The system featured a Flask/React dashboard and supported real-time translation for 100+ languages. Work submitted for conference review.
- Technologies: Python, Hugging Face Transformers, XLM-RoBERTa, Flask, React

---

## TECHNICAL SKILLS

- Programming Languages: Python, C++, HTML/CSS, Javascript
- ML/DL Frameworks: TensorFlow, Keras, PyTorch, Scikit-learn, Hugging Face
- Data Science & Tools: Pandas, Matplotlib, SciPy
- Big Data Tools: Hadoop, Hive, Spark
- Web Technologies: Flask, Firebase, React, FastAPI, PostgreSQL
- Developer Tools & Software: Git, VSCode, MS Office Suite (Word, Excel, PowerPoint)

---

## CERTIFICATIONS

- Infosys Springboard - Introduction to Natural Language Processing (June 2025)
- Infosys Springboard - Artificial Intelligence Primer Certification (June 2025)
- Big Data & Machine Learning Bootcamp (CDAC, Noida) - Hadoop, Hive, Spark, Python for ML